Rigid Inflatable Boat

SILVER LINE

Models:

S370,S370L,S370S

User's Manual

For notes

INTRODUCTION.

"GRAND" inflatable motor boat of the "SILVER LINE" series: S370,S370L,S370S has been designed under requirements of ISO 6185 "Plastomer and Elastomer Inflatable Boats" and DIN 7870 "Inflatable Boats with Reinforced Shells".

PURPOSE.

The rigid inflatable motor boat of the "SILVER LINE" series relates to the category of pleasure boats and is intended for water sports, tourism, the use as a floating means on board of launches, yachts and other vessels.

TECNICAL DATA SPECIFICATION

Model	Unit	S370 / S370L/S370S
Length overall	m	3.7
	ft-inches	12'2"
Length inside	m	2.7
	ft-inches	8'10"
Width overall	m	1,82
	ft-inches	6'0"
Width inside	m	0.92
	ft-inches	3'0"
Tube diameter max	m	0.46
	ft-inches	18"
Number of chambers		3
Passenger capacity	pers.	5
Load capacity	kg	522
	lbs	1148
Boat weight	kg	90/115/125
	lbs	198/253/275
Engine power recommended	HP	20/30/30
	kW	14.7/22.1/22.1
Engine power max	HP	40
	kW	29.4
Engine weight max	kg	90
	lbs	198
Engine shaft length	ft-inches	20"(long)
Tube color		light-grey
Boat design Category(Dir.94/25/EC)		C

COMPLETE SET

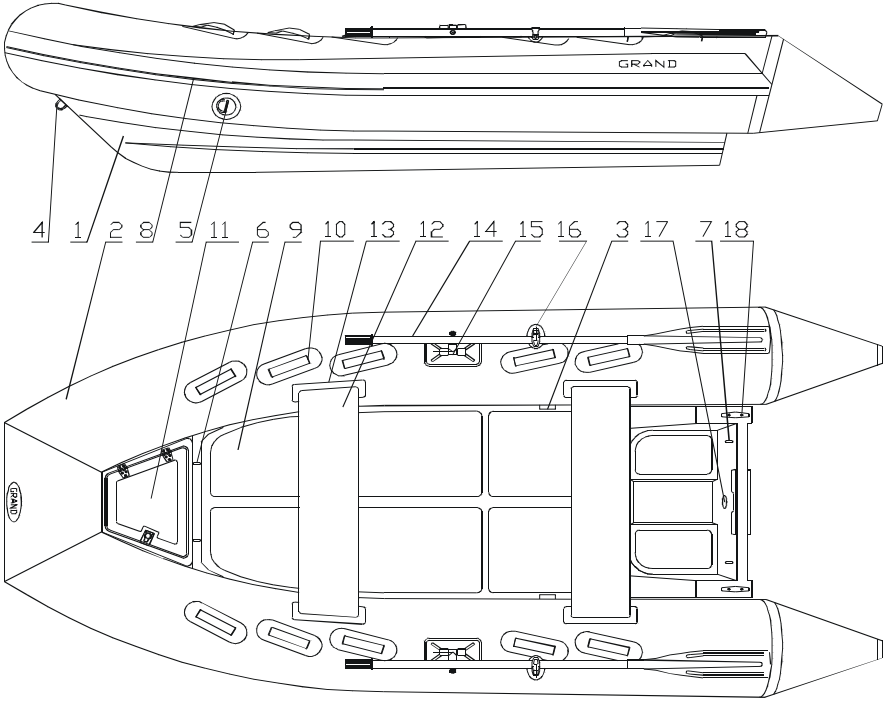
Model			S370	S370L	S370S
Description	unit	q-ty	availability	availability	availability
1. Inflatable boat	pcs.	1	☐	☐	☐
1.1 Oar / paddle	pcs.	2	☐	☐	☐
1.2 Bow seat cushion	pcs.	1	☐	☐	☐
1.3 Foot pump «Bravo-2»	pcs.	1	☐	☐	☐
1.4 Double seat with stowage SD-02	pcs.	1	☐	☐	☐
1.5 Wooden seat	pcs.	2	☐	☐	☐
1.6 Bolt M8*25	pcs.	4	☐	☐	☐
1.7 Washer 8*24	pcs.	4	☐	☐	☐
1.8 Set of spare part and repear kit:	pcs.	1	☐	☐	☐
1.9 Maintenance kit & User`s manual	pcs.	1	☐	☐	☐
2. Steering console CL-02	pcs.	1	☐	☐	☐
2.1 Windscreen	pcs.	1	☐	☐	☐
2.2 Steering system	pcs.	1	☐	☐	☐
2.3 Steering cable	pcs.	1	☐	☐	☐
2.4 Steering wheel	pcs.	1	☐	☐	☐
2.5 Screw M6*25	pcs.	4	☐	☐	☐
2.6 Screw bush (bush #1)	pcs	4	☐	☐	☐
2.7 Bush (bush #2)	pcs	4	☐	☐	☐
2.8 Cup	pcs	4	☐	☐	☐
2.9 Washer 6*18	pcs	4	☐	☐	☐

COMPLETE SET

Model			S370	S370L	S370S
Description	unit	q-ty	availability	availability	availability
2.10 Arrester nut M6	pcs.	4	☐	☐	☐
2.11 Bolt M8*25	pcs.	4	☐	☐	☐
2.12 Washer 8*24	pcs.	4	☐	☐	☐
3. Steering console CS-1 «Sport»	pcs.	1	☐	☐	☐
3.1 Windscreen	pcs.	1	☐	☐	☐
3.2 Steering system	pcs.	1	☐	☐	☐
3.3 Steering cable	pcs.	1	☐	☐	☐
3.4 Steering wheel	pcs.	1	☐	☐	☐
3.5 Windscreen railing	pcs.	1	☐	☐	☐
3.6 Support windscreen railing	pcs.	3	☐	☐	☐
3.7 Screw M6*25	pcs.	4	☐	☐	☐
3.8 Screw bush (bush #1)	pcs	4	☐	☐	☐
3.9 Bush #2	pcs	4	☐	☐	☐
3.10 Cup	pcs.	4	☐	☐	☐
3.11 Washer 6*18	pcs.	4	☐	☐	☐
3.12 Arrester nut M6	pcs.	4	☐	☐	☐
3.13 Bolt M8*25	pcs.	4	☐	☐	☐
3.14 Washer 8*24	pcs.	4	☐	☐	☐
3.15 Bolt M 12*20	pcs.	4	☐	☐	☐
3.16 Washer 12*32	pcs.	4	☐	☐	☐

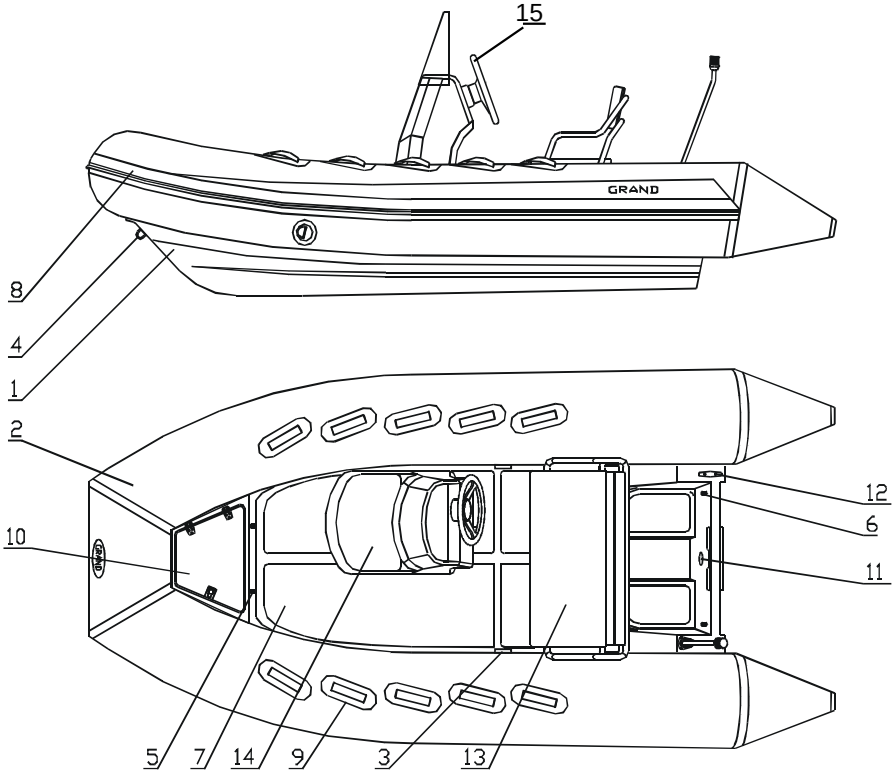
☐ — Your "GRAND" boat "SILVER LINE" complete set included this items.

S370



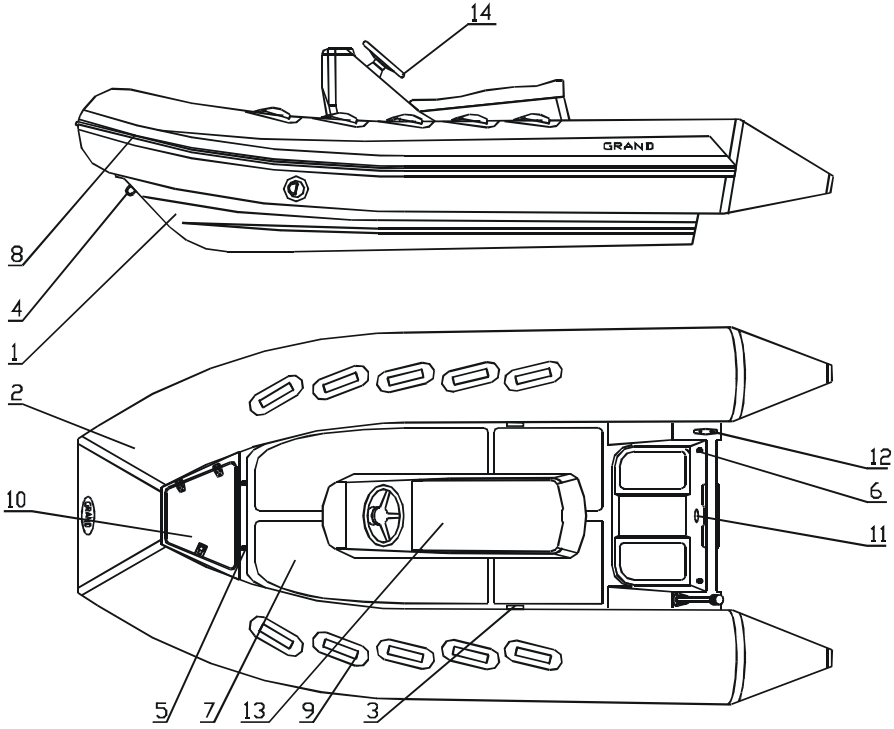
Pos	Item
1	Fiberglass hull
2	Buoyancy tube
3	Inflation / deflation valve
4	Bow towing eye
5	Side towing eye
6	Bow lifting eye
7	Stern lifting eye
8	Raised rubbing strake
9	Antiskid deck surface
10	Safety grab handles
11	Molded-in bow stowage
12	Wooden seat
13	Wooden seat bracket
14	Oar
15	Oar lock
16	Oar post
17	Hull drain plug
18	Rear cleat

S370L



Pos	Item
1	Fiberglass hull
2	Buoyancy tube
3	Inflation / deflation valve
4	Bow towing eye
5	Bow lifting eye
6	Stern lifting eye
7	Antiskid deck surface
8	Raised rubbing strake
9	Safety grab handles
10	Molded-in bow stowage
11	Hull drain plug
12	Cleat
13	Double seat SD-02 with container, cushion,soft back
14	Steering console CL-02
15	Steering wheel

S370S



Pos	Item
1	Fiberglass hull
2	Buoyancy tube
3	Inflation / deflation valve
4	Bow towing eye
5	Bow lifting eye
6	Stern lifting eye
7	Antiskid deck surface
8	Raised rubbing strake
9	Safety grab handles
10	Molded-in bow stowage
11	Hull drain plug
12	Cleat
13	Steering console CS-01 with container and cushion
14	Steering wheel

PREPARATION FOR EXPLOITATION.

In order to set the boat in the operation condition perform as follows:

- unfold the inflatable tube;
- mount the outboard engine on the transom in accodance with it`s own installation instruction;

For boats S370L, S370S:

- extend the engine remote controle cables and steering system cable from the engine mounting place to the steering console mounting place .

INFLATION / DEFLATION VALVE OPERATION.

The valve has two positions of sliding part A corresponding to its two conditions (modes):

- sliding part A is with drawn - operation condition of the valve (compartment air filling mode);
- sliding part A is recessed - valve in condition "OPEN" (compartment air discharge mode).

In order to switch the valve over from one condition to another, just press sliding part A with your finger to turn it by 90 degrees in any direction until it is fixed (See Fig.1).

Prior to begin the compartment filling process set all valves in the operating condition. On completion of filling close the valves with bonnets B (rotate them clockwise).

In order to discharge air from the compartments, open the valves (by counterclockwise rotation) and switch the valves over into condition "OPEN".

Inflation/deflation valve

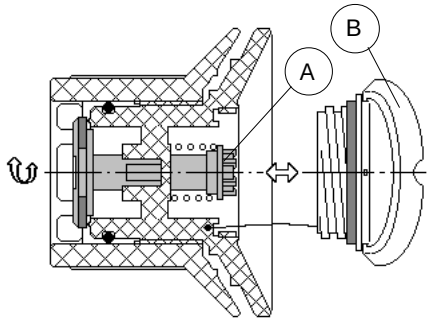


Fig. 1

ATTENTION ! Overinflating of your boat, when the air pressure is more than nominal, sufficiently decreases the boat life time.

STEERING CONSOLE INSTALATION

Mount the block of remote controle on the right side of the steering console;

In order to install the windscreen onto the console perform the next operations (Fig. 2):

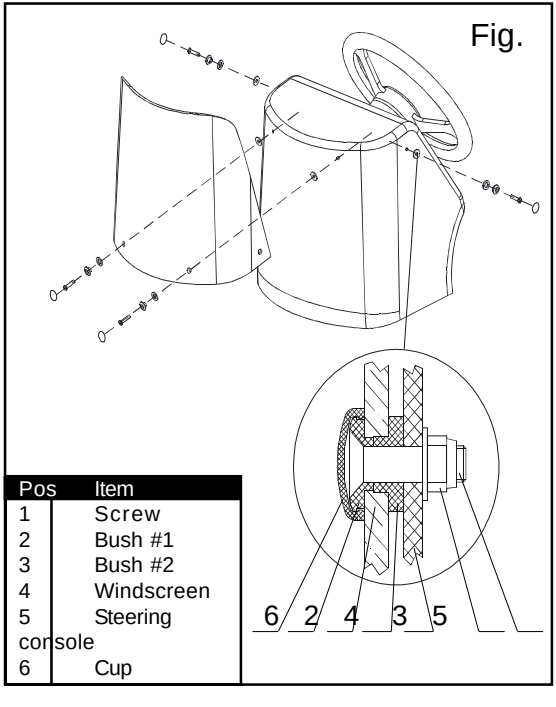
- unfix and hinge out overhead part of steering console CL-02 or seat for steering console CS-01;
- align holes in the windscreen with holes in the console overhead part;
- fix windscreen by means of the screws M6x25, bushs , washers and nuts M6 from the complete set;

For steering console CS-01:

- align holes in the windscreen railing with holes in the console CS-01;
- fix windscreen railing by means of the bolts

ATTENTION ! To aviod the water penetration into the console inner layers, please, tight all the hole free space with any water

Fig.



Pos	Item
1	Screw
2	Bush #1
3	Bush #2
4	Windscreen
5	Steering console
6	Cup

For steering console CL-02:

- align holes on the bottom of steering console CL-02 with holes on the deck;
- fix steering console to the deck by means of bolts M8*25 and washers (see Fig.3);
- attach steering system cable in accodance with its own installation (manual);
- replace and fix overhead part of the steering console by means of washers and nuts M8 from complete set;
- tigthen all the bolts and nuts.

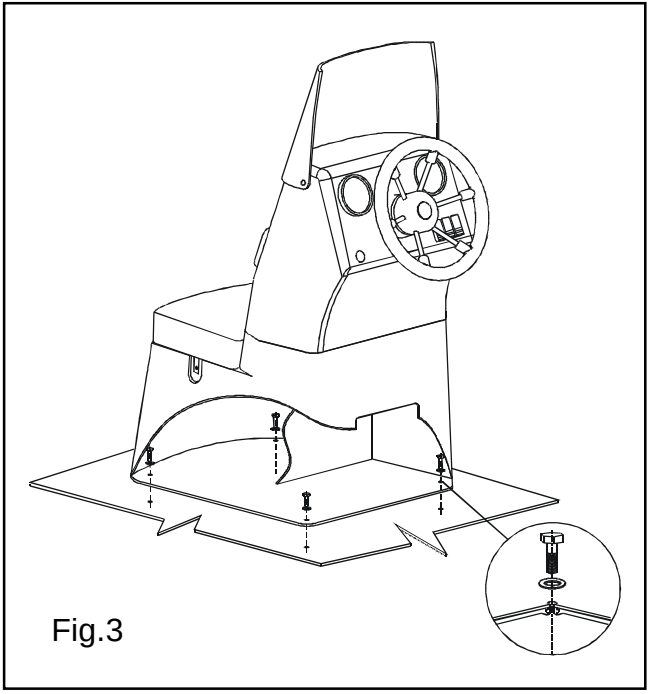


Fig.3

ATTENTION ! To aviod the water penetration into the console and hull inner layers, please, tight all the hole free space with any water resistant filler.

For steering console CS-01:

- align holes in the bottom of steering console CS-01 with holes on the deck;
- fix steering console to the deck by means of bolts M8*25 and washers (see Fig.3a);
- attach steering system cable in accodance with its own installation (manual);
- tigthen all the bolts;
- replace the seat.

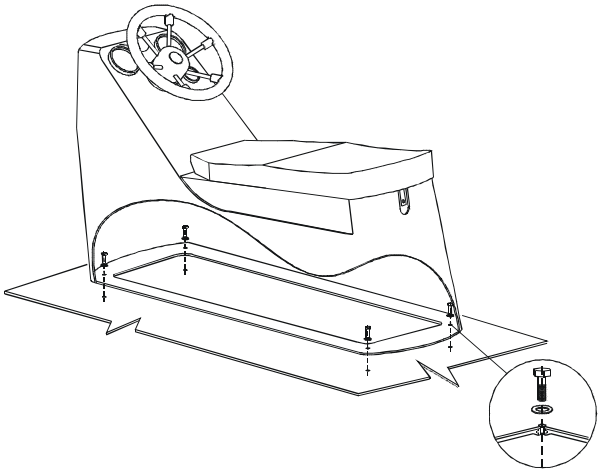


Fig.3a

ATTENTION ! To aviod the water penetration into the console and hull inner layers, please, tight all the hole free space with any water resistant filler.

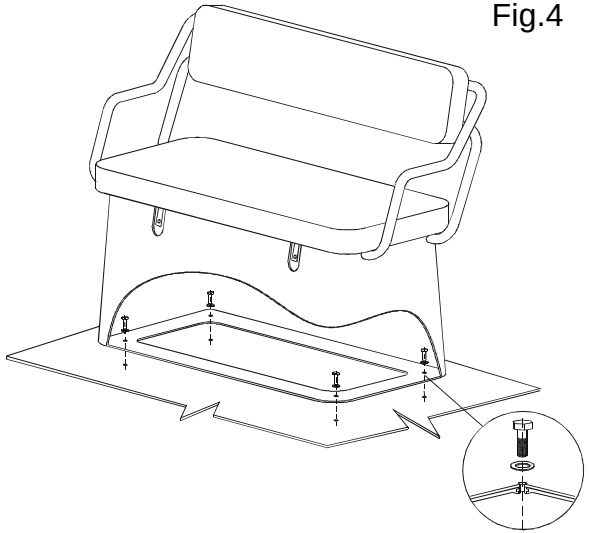
CONTAINER INSTALATION

In order to install the container onto the deck perform the next operations (Fig. 3):

- hinge out the seat;
- align holes on the bottom container with holes on the deck;
- fix container to the deck by means of bolts M8*25 and washers (see Fig.4).
- tigthen all the bolts.
- replace the seat.

ATTENTION ! To aviod the water penetration into the hull and container inner layers, please, tight all the hole free space with any water resistant filler.

Fig.4



■ Observation of local shipping regulations

For each particular water area the local shipping regulations are in force. You may apply for information to the appropriate water transport and shipping directorate, as well as to the water police.

■ Proper usage of boat equipment and accessories

Use the boat equipment and accessories only on their direct purpose to ensure reliable service.

■ Availability of Oars

Even when sailing with an outboard engine you should always have the oars available with you so that you were able to reach the shore without outside assistance in case of any damage to the boat.

■ Usage of emergency stop switch

On your request any outboard engine seller may provide your engine with the emergency stop switch. During navigation the switch should be connected to the wrist of your hand by means of a cord. In case you fall overboard, even if being a steersman, the switch will cut out the engine and the propeller. This arrangement will enable you to avoid any traumas and to reach the boat.

■ Prevention of damages caused by electrolyte or fuel leakages

Take all possible precautions against penetration of fuel or electrolyte from the storage battery into the inflatable boat. If it does happen wash thoroughly the fouled spots with water.

■ Cargo arrangement and stowing, attachment of items and prevention of falling overboard

You should be always sure that the number of people on board never exceeds that specified in the user's manual or on the manufacturer's plate provided on the transom. The boat will retain an adequate floatability and will not keel over only provided that the load is arranged reasonably. Therefore,do not accommodate all passengers on the same side of the boat. Arrange the cargo to be carried uniformly inside the boat, all items being reliable secured on the bottom of the boat. All passengers should be accommodated inside the boat. The occupied seats should not be left throughout the entire sail ing time. When sailing with an outboard engine the steersman should shift his body forward in the course of acceleration to prevent the boat forebody from raising under the force of upthrust waves.

■ Presence of sharp and pricking objects on board

Despite the strong shell of the boat we are recommended to handle sharp and pricking objects being on board with care. For example, it concerns a knife blade, fish-hook point, etc.

■ Rocky shore, mole, shoals (for example, sand banks, coral reefs, rocks)

Approach rocky shores, shoals, moles, etc. carefully to avoid damages to the boat. It is strictly prohibited to drag the boat across rough surfaces (shingle, rocks, concrete, etc.).

■ Check at navigation

In case of prolonged navigation with the use of an outboard engine, regularly check to ensure that the engine is reliably attached to the boat. If the engine was attached carelessly the attachment may work loose under the action of vibration.

Besides, check air chambers pressure at regular intervals, since the pressure may vary under the effects of outside air temperature and atmospheric pressure variations.

Never forget to monitor regularly the quantity of fuel in the fuel tank. Keep always in mind that the quantity of fuel should be sufficient for you to sail to your final destination.

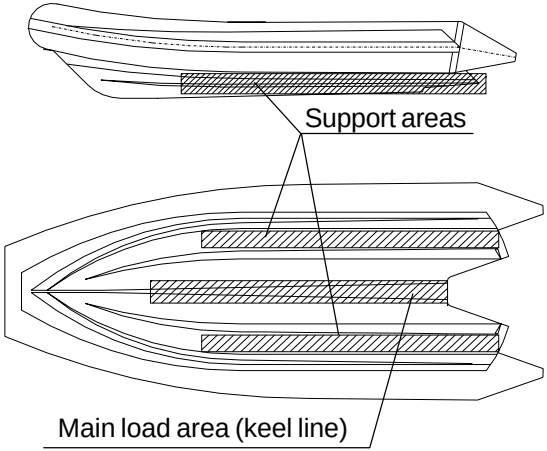
■ Availability of rescue means (life-saving jackets, distress signals, spare parts)

If you are planning to go beyond the protected water areas you should provide all passengers on board with life-saving

BOAT TRAILERING

When trailering fix the boat securely on the trailer, bearing rollers must support the boat on signled out position (Fig.5).
The maximum load should be located on the keel line. The side areas of the bottom may be used for support purposes only.

Fig.5



IT IS FORBIDDEN!
In order to avoid the hull demage trail the boat staying on the aforesaide areas only.

MODEL	
SERIAL No.	
Date of manufacture	
Quality inspection stamp	